

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Xumu Zhang  
Application For: Asymmetric Catalysis Based on Chiral  
Phospholanes and Hydroxyl Phospholanes  
Atty. Docket No.: 823.0090USQX  
Appl. Serial No.: Not yet assigned  
Filed on: Herewith  
Examiner: Not yet assigned  
Art unit: Not yet assigned  
Customer No.: 27623  
Prior Applications:  
Serial No.: 09/992,551, Filed on: November 6, 2001, Atty. Docket No.:  
823.0090USQ; and Serial No.: 09/377,065, Filed on: August 19, 1999, Atty.  
Docket No.: 823.0090USU.

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Dear Sir:

In advance of examination, please amend this application as follows:

**IN THE CLAIMS:**

Please amend the claims as follows: